



DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**COMPOSITIONS AND METHODS FOR TREATING NEOPLASTIC DISEASE USING  
CHEMOTHERAPY AND RADIATION SENSITIZERS**

the specification of which (check one)        is attached hereto   x   was filed on May 30, 2001 and assigned U.S. Patent Application Serial No. 09/870,937 and was amended on                                  (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s) Number	Country	Day/Month/Year Filed	Priority Claimed Yes	No
--	---------	----------------------	-------------------------	----

I hereby claim the benefit under Title 35, United States Code, §120 and/or 119(e) of any United States application(s) and/or provisional application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status Patented, Pending, Abandoned
60/208,435	May 31, 2000	Abandoned

I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States code and that such willful false

statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Bin Wu

Inventor's signature

Bin Wu

Date

07/30/01

Residence El Cerrito, California

Citizenship United States of America

Post Office Address c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097

Full name of second inventor Todd W. Seeley

Inventor's signature

Date

Residence Moraga, California

Citizenship United States of America

Post Office Address c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097

Full name of third inventor Lewis T. Williams

Inventor's signature

Date

Residence Mill Valley, California

Citizenship United States of America

Post Office Address c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097



DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**COMPOSITIONS AND METHODS FOR TREATING NEOPLASTIC DISEASE USING  
CHEMOTHERAPY AND RADIATION SENSITIZERS**

the specification of which (check one) \_\_\_\_\_ is attached hereto x was filed on May 30, 2001 and assigned U.S. Patent Application Serial No. 09/870,937 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)		Day/Month/Year Filed	Priority Claimed	
Number	Country		Yes	No

I hereby claim the benefit under Title 35, United States Code, §120 and/or 119(e) of any United States application(s) and/or provisional application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status
		Patented, Pending, Abandoned
60/208,435	May 31, 2000	Abandoned

I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States code and that such willful false

statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or **first** inventor Bin Wu

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence El Cerrito, California

Citizenship United States of America

Post Office Address c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097

Full name of **second** inventor Todd W. Seeley

Inventor's signature Todd W Seeley Date July 30 2001

Residence Moraga, California

Citizenship United States of America

Post Office Address c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097

Full name of **third** inventor Lewis T. Williams

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence Mill Valley, California

Citizenship United States of America

Post Office Address c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097



DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**COMPOSITIONS AND METHODS FOR TREATING NEOPLASTIC DISEASE USING  
CHEMOTHERAPY AND RADIATION SENSITIZERS**

the specification of which (check one)        is attached hereto   x   was filed on May 30, 2001 and assigned U.S. Patent Application Serial No.09/870,937 and was amended on                                      (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)		Day/Month/Year Filed	Priority Claimed	
Number	Country		Yes	No

I hereby claim the benefit under Title 35, United States Code, §120 and/or 119(e) of any United States application(s) and/or provisional application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status
		Patented, Pending, Abandoned
60/208,435	May 31, 2000	Abandoned

I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States code and that such willful false

statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Bin Wu

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence El Cerrito, California

Citizenship United States of America

Post Office Address c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097

Full name of second inventor Todd W. Seeley

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Residence Moraga, California

Citizenship United States of America

Post Office Address c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097

Full name of third inventor Lewis T. Williams

Inventor's signature  Date 8/19/01

Residence Mill Valley, California

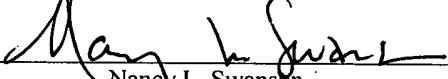
Citizenship United States of America

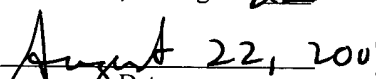
Post Office Address c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097



PATENT  
U.S. Serial No. 09/870,937  
Attorney Docket No. PP-01623.002

I hereby certify that this paper is being deposited in the United States Postal Service as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231-0001, on August 22, 2001.

  
Nancy L. Swanson

  
Date

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: BIN WU et al.

Serial No.: 09/870,937

Group: 1641

Filed: May 30, 2001

Examiner: Unassigned

Title: COMPOSITIONS AND METHODS FOR TREATING NEOPLASTIC DISEASE  
USING CHEMOTHERAPY AND RADIATION SENSITIZERS

**POWER OF ATTORNEY FOR PATENT APPLICATION**

Assistant Commissioner for Patents  
Washington, D.C. 20231-0001

Sir:

As assignee of record of the above-identified application, I hereby appoint the following as my attorneys with full power of substitution to prosecute this application and transact all business in the patent office connected therewith:

**Comprising Chiron Corporation, Emeryville, California:**

Robert P. Blackburn      Reg. No. 30,447  
Alisa A. Harbin          Reg. No. 33,895  
David P. Lentini         Reg. No. 33,944  
Lisa A. Alexander        Reg. No. 41,476

Joseph H. Guth          Reg. No. 31,261  
Charlene A. Launer      Reg. No. 33,035  
Kimberlin L. Morley     Reg. No. 35,391  
Anne S. Dollard          Reg. No. 43,935

Comprising the firm of Seed Intellectual Property Law Group PLLC, Seattle, Washington:

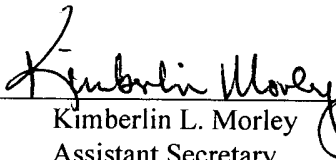
Frank Abramonte	Reg. No. 38,066	Brian L. Johnson	Reg. No. 40,033
Susan D. Betcher	Reg. No. 43,498	Lorraine Linford	Reg. No. 35,939
Ellen M. Bierman	Reg. No. 38,079	James A. Mesher	Reg. No. P-48,700
Brian G. Bodine	Reg. No. 40,520	David W. Parker	Reg. No. 37,414
Timothy L. Boller	Reg. No. 47,435	Jeffrey C. Pepe	Reg. No. 46,985
David V. Carlson	Reg. No. 31,153	Jane E. R. Potter	Reg. No. 33,332
William T. Christiansen	Reg. No. 44,614	George C. Rondeau, Jr.	Reg. No. 28,893
Dale R. Cook	Reg. No. 42,434	Stephen J. Rosenman	Reg. No. 43,058
Kevin S. Costanza	Reg. No. 37,801	Mae J. Rosok	Reg. No. P-48,903
David H. Deits	Reg. No. 28,066	Charles J. Rupnick	Reg. No. 43,068
Michael J. Donohue	Reg. No. 35,859	Richard G. Sharkey	Reg. No. 32,629
William O. Ferron, Jr.	Reg. No. 30,633	E. Russell Tarleton	Reg. No. 31,800
Karl R. Hermanns	Reg. No. 33,507	James M. Verna	Reg. No. 33,287
Robert Iannucci	Reg. No. 33,514	Robert M. Ward	Reg. No. 26,517

Please direct all telephone calls regarding this application to Jane E. R. Potter at Seed Intellectual Property Law Group PLLC: Telephone (206) 622-4900; Facsimile (206) 682-6031.

Address for ALL Correspondence:

Chiron Corporation  
Intellectual Property  
P.O. Box 8097  
Emeryville, CA 94662-8097

CHIRON CORPORATION

By:   
Kimberlin L. Morley  
Assistant Secretary

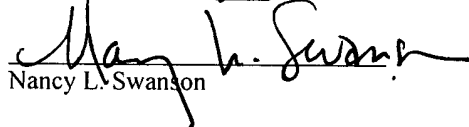
Dated this 22 day of August, 2001





PATENT  
U.S. Application Serial No. 09/870,937  
Attorney Docket No. PP-01623.002

I hereby certify this paper is being deposited in the United States Postal Service as first class mail in an envelope addressed: Assistant Commissioner of Patents, Washington, D.C. 20231-0001, Attn: Box Missing Parts, on August 22, 2001.

  
Nancy L. Swanson

8/22/01  
Date

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of BIN WU et al.

Serial No.: 09/870,937

Group: 1641

Filed: May 30, 2001

Examiner: Unassigned

Title: COMPOSITIONS AND METHODS FOR TREATING  
NEOPLASTIC DISEASE USING CHEMOTHERAPY AND  
RADIATION SENSITIZERS

### CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

CHIRON CORPORATION

(Name of Assignee)

, a

Corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest, or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An Assignment from the inventor(s) of the patent application/patent identified above.  
**The patent application identified above claims the benefit of Provisional Application No. 60/208,435, filed May 31, 2000, wherein an Assignment was recorded in the Patent and Trademark Office on October 18, 2000 at Reel 011189, Frame 0407, for which a copy thereof is attached.**

OR

- B. ☐ A chain of title from the inventor(s) of the patent application/patent identified above to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

[ ] Additional documents in the chain of title are listed on a supplemental sheet.

[ X ] Copies of assignments or other documents in the chain of title are attached. .

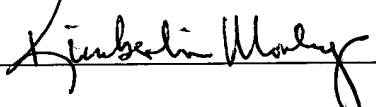
[NOTE: A separate copy (*i.e.*, the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

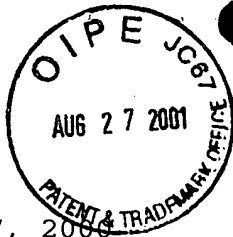
The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

Date: \_\_\_\_\_ August 22, 2001 \_\_\_\_\_

Name: \_\_\_\_\_ Kimberlin L. Morley \_\_\_\_\_

Title: \_\_\_\_\_ Assistant Secretary, CHIRON CORPORATION \_\_\_\_\_

Signature: \_\_\_\_\_  \_\_\_\_\_



**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

DECEMBER 27, 2000

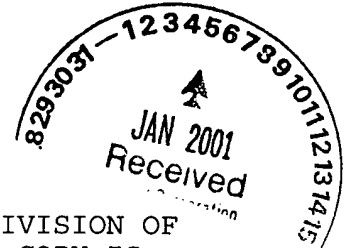
PTAS

CHIRON CORPORATION  
KIMBERLIN L. MORLEY  
INTELLECTUAL PROPERTY - R440  
P.O. BOX 8097  
EMERYVILLE, CA 94662-8097



\*101503431A\*

**UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**



THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/18/2000

REEL/FRAME: 011189/0407

NUMBER OF PAGES: 11

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

WU, BIN

DOC DATE: 09/26/2000

ASSIGNOR:

SEELEY, TODD W.

DOC DATE: 10/06/2000

ASSIGNOR:

WILLIAMS, LEWIS T.

DOC DATE: 10/12/2000

ASSIGNEE:

CHIRON CORPORATION  
P.O. BOX 8097  
INTELLECTUAL PROPERTY - R440  
EMERYVILLE, CALIFORNIA 94608-8097

SERIAL NUMBER: 60208435

FILING DATE: 05/31/2000

PATENT NUMBER:

ISSUE DATE:

COPY ONLY  
DO NOT FORWARD  
KLM TO  
PP 01 ASSIGNMENT BRANCH

011189/0407 PAGE 2

DOROTHY RILEY, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

COPY ONLY  
DO NOT FORWARD  
TO  
ASSIGNMENT BRANCH

11-32-2000



101503431

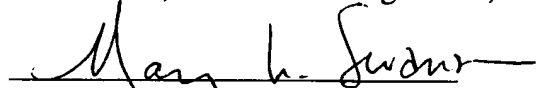
PATENT

U.S. Provisional Application No. 60/208,435

Attorney Docket No. PP-01623.001

I hereby certify that this paper is being deposited in the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C.

20231-0001, Attn: Box Assignments, on October 13, 2000.

  
Nancy L. Swanson

October 13, 2000  
Date

10-18-00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: BIN WU et al.

Serial No.: 60/208,435

Group Art: Unassigned

Filed : May 31, 2000

Examiner: Unassigned

For : COMPOSITIONS AND METHODS FOR TREATING NEOPLASTIC  
DISEASE USING CHEMOTHERAPY AND RADIATION SENSITIZERS

**ASSIGNMENT DOCUMENT COVER LETTER**

Box Assignment  
Assistant Commissioner for Patents  
Washington, D.C. 20231

1. The accompanying assignment covers the patent or application identified above.

X No other patents or applications are covered by the assignment.

       Other patents and/or applications are covered by the assignment as shown  
on the attached LIST OF PATENTS AND/OR APPLICATIONS COVERED  
BY ASSIGNMENT.



PATENT  
U.S. Provisional Application No. 60/208,435  
Attorney Docket No. PP-01623.001

**NAMES OF PARTY MAKING TRANSFER**

2. Name 1: Bin Wu  
Name 2: Todd W. Seeley  
Name 3: Lewis T. Williams

**IDENTITY OF PARTY TO WHOM TRANSFER IS MADE**

3. Transfer is being made to:

CHIRON CORPORATION  
Intellectual Property - R440  
P.O. Box 8097  
Emeryville, California 94608-8097  
United States of America

**INTENTION OF DOCUMENT**

4. The accompanying document is an:

X  Assignment                          License  
    Security Interest                  Other

X  Execution Dates: September 26, 2000, October 6, 2000,  
and October 12, 2000

**FEE PAYMENT**

5. Total fee due \$40.00
6.     Charge Deposit Account No. 03-1664 in the sum of \$40.00.
- X  Enclosed is a check for \$40.00.

- X The Assistant Commissioner is hereby authorized to charge any additional fees which may be required or credit any overpayment to Deposit Account No. 03-1664. THIS IS NOT AN AUTHORIZATION FOR PAYMENT OF ANY ISSUE FEES.

**ADDRESS TO WHICH DOCUMENT SHOULD BE RETURNED AFTER RECORDAL  
BY PTO**

7. Please return the recorded document to:

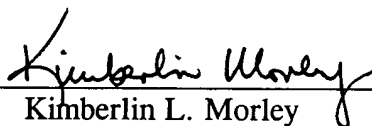
CHIRON CORPORATION  
Intellectual Property - R440  
P.O. Box 8097  
Emeryville, California 94662-8097  
United States of America

**STATEMENT BY THE PARTY**

8. I hereby submit that, to the best of my knowledge and belief, the foregoing information contained herein is true and correct and any copy submitted herewith is a true and correct copy of the original document.

Respectfully submitted,

By:



Kimberlin L. Morley  
Attorney for Assignee  
Reg. No. 35,391

Dated: October 13, 2000

CHIRON CORPORATION  
Intellectual Property - R440  
P.O. Box 8097  
Emeryville, California 94662-8097  
TEL: (510) 923-8406  
FAX: (510) 655-3542

Total number of pages comprising cover sheet: 11 (Assignment Cover Letter plus Original Assignment)

ASSIGNMENT

WHEREAS, We, BIN WU, TODD W. SEELEY, and LEWIS T. WILLIAMS, hereinafter referred to as **ASSIGNORS**, have co-invented certain improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: COMPOSITIONS AND METHODS FOR TREATING  
NEOPLASTIC DISEASE USING CHEMOTHERAPY AND  
RADIATION SENSITIZERS

Date of Execution: September 26, 2000, October 6, 2000 and October 12, 2000

Filing Date: May 31, 2000

Serial No: 60/208,435

WHEREAS, **CHIRON CORPORATION**, located at 4560 Horton Street, Emeryville, California 94608-2916, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to **ASSIGNORS** by **ASSIGNEE**, receipt of which is hereby acknowledged, **ASSIGNORS** have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said **ASSIGNEE**, and **ASSIGNEE'S** successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions (including conversions claiming priority under 35 U.S.C. § 119(e)), reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said **ASSIGNEE** as fully and exclusively as it would have been held and enjoyed by said **ASSIGNORS** had this assignment and transfer not been made, to the full end and term of any Letters Patent.

**ASSIGNORS** also agree that the U.S. serial number and the filing date may be entered above by **ASSIGNEE** or its agents upon designation of the serial number and the filing date by the U.S. Patent and Trademark Office.



ASSIGNORS further agree that they will, without charge to said ASSIGNEE, but at ASSIGNEE'S expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE'S successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNORS have hereunto signed their names to this assignment on the dates indicated below.

INVENTOR: BIN WU

DATE 10/06/00

B Wu

Signature

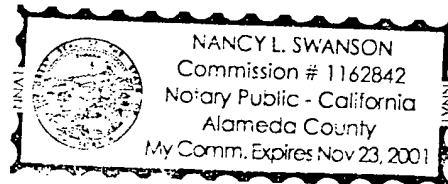
State of California

County of Alameda

On 10/6/00 before me, Margaret Swanson, Notary Public, personally appeared Bin Wu, personally known to me OR proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Margaret Swanson  
Signature of Notary Public



Notary Seal

INVENTOR: TODD W. SEELEY

DATE \_\_\_\_\_  
\_\_\_\_\_  
Signature

State of California  
County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_, Notary Public,  
personally appeared \_\_\_\_\_, personally known to me OR proved  
to me on the basis of satisfactory evidence to be the person whose name is subscribed to the  
within instrument and acknowledged to me that he/she/they executed the same in  
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the  
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed  
the instrument.

WITNESS my hand and official seal.

\_\_\_\_\_  
Signature of Notary Public

Notary Seal

INVENTOR: LEWIS T. WILLIAMS

DATE 10/12/00

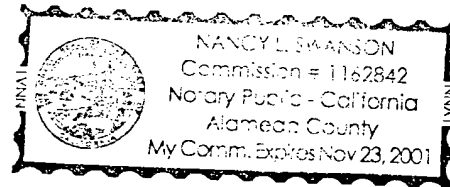
[Signature]  
Signature

State of California  
County of Alameda

On 10/12/00 before me, Nancy L. Swanson, Notary Public,  
personally appeared Lewis T. Williams, personally known to me OR proved  
to me on the basis of satisfactory evidence to be the person whose name is subscribed to the  
within instrument and acknowledged to me that he/she/they executed the same in  
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the  
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed  
the instrument.

WITNESS my hand and official seal.

[Signature]  
Signature of Notary Public



Notary Seal

ASSIGNMENT

WHEREAS, We, BIN WU, TODD W. SEELEY, and LEWIS T. WILLIAMS, hereinafter referred to as **ASSIGNORS**, have co-invented certain improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: COMPOSITIONS AND METHODS FOR TREATING  
NEOPLASTIC DISEASE USING CHEMOTHERAPY AND  
RADIATION SENSITIZERS

Date of Execution: September 26, 2000, October 6, 2000 and October 12, 2000

Filing Date: May 31, 2000

Serial No: 60/208,435

WHEREAS, **CHIRON CORPORATION**, located at 4560 Horton Street, Emeryville, California 94608-2916, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to **ASSIGNORS** by **ASSIGNEE**, receipt of which is hereby acknowledged, **ASSIGNORS** have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said **ASSIGNEE**, and **ASSIGNEE'S** successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions (including conversions claiming priority under 35 U.S.C. § 119(e)), reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said **ASSIGNEE** as fully and exclusively as it would have been held and enjoyed by said **ASSIGNORS** had this assignment and transfer not been made, to the full end and term of any Letters Patent.

**ASSIGNORS** also agree that the U.S. serial number and the filing date may be entered above by **ASSIGNEE** or its agents upon designation of the serial number and the filing date by the U.S. Patent and Trademark Office.

**ASSIGNORS** further agree that they will, without charge to said **ASSIGNEE**, but at **ASSIGNEE'S** expense, cooperate with **ASSIGNEE** in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as **ASSIGNEE** lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said **ASSIGNEE**, or **ASSIGNEE'S** successors and assigns.

*IN TESTIMONY WHEREOF, ASSIGNORS* have hereunto signed their names to this assignment on the dates indicated below.

INVENTOR: BIN WU

DATE \_\_\_\_\_  
Signature

State of California  
County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_, Notary Public,  
personally appeared \_\_\_\_\_, personally known to me OR proved  
to me on the basis of satisfactory evidence to be the person whose name is subscribed to the  
within instrument and acknowledged to me that he/she/they executed the same in  
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the  
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed  
the instrument.

WITNESS my hand and official seal.

\_\_\_\_\_  
Signature of Notary Public

Notary Seal

INVENTOR: TODD W. SEELEY

DATE 9/26/00

Todd W Seeley  
Signature

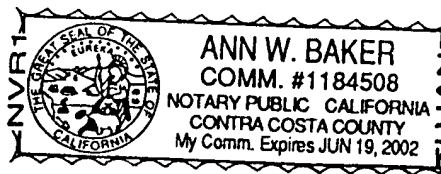
State of California  
County of Contra Costa

On 9/26/2000 before me, Ann W Baker, Notary Public,  
personally appeared Todd W Seeley, personally known to me OR proved  
to me on the basis of satisfactory evidence to be the person whose name is subscribed to the  
within instrument and acknowledged to me that he/she/they executed the same in  
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the  
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed  
the instrument.

WITNESS my hand and official seal.

Ann W Baker  
Signature of Notary Public

Notary Seal



INVENTOR: LEWIS T. WILLIAMS

DATE \_\_\_\_\_

\_\_\_\_\_  
Signature

State of California

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_, Notary Public,  
personally appeared \_\_\_\_\_, personally known to me OR proved  
to me on the basis of satisfactory evidence to be the person whose name is subscribed to the  
within instrument and acknowledged to me that he/she/they executed the same in  
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the  
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed  
the instrument.

WITNESS my hand and official seal.

\_\_\_\_\_  
Signature of Notary Public

Notary Seal